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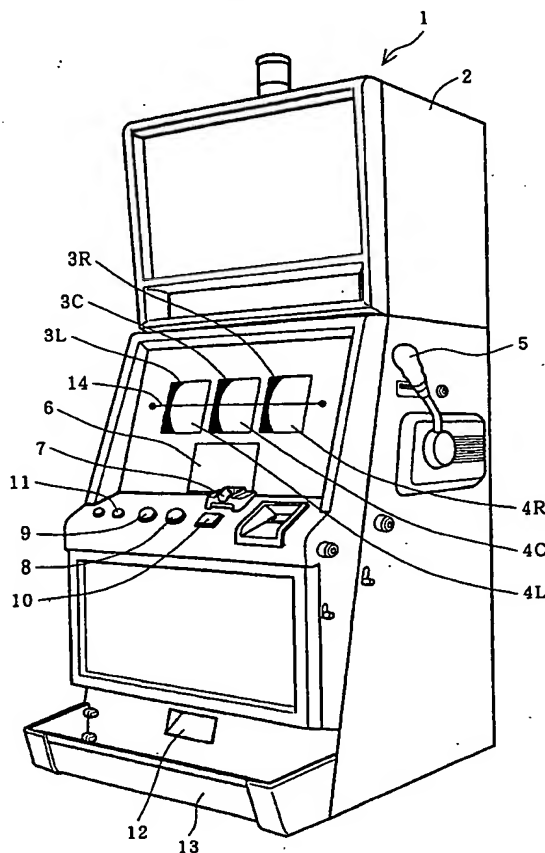
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(54) **Gaming machine**

(57) A gaming machine (1) comprises a variable display (4L, 4C, 4R) for displaying principal graphical information corresponding to at least one of a plurality of principal graphical elements, each principal graphical element having a predetermined significance in a principal game of the gaming machine (1); a secondary display (6) for displaying secondary graphical information having a display portion positioned below the display portion of the variable display (4L, 4C, 4R); and a controller (20) for producing first control signals that control said variable display (4L, 4C, 4R) to display the principal graphical information as a sequential principal progression of the principal graphical elements, and second control signals that control said secondary display (6) to display the secondary graphical information, the secondary graphical information having a predetermined relationship to the sequential progression of the principal graphical elements. In the period from beginning to end of variation action of the variable display (4L, 4C, 4R), a separate indication, that is correlated to the control of the variation action of the variable display (4L, 4C, 4R), is performed by the secondary display (6). As the results, monotony to wait for result of the game is dissolved. The display portion of the secondary display (6) is provided below the display portion of the variable display (4L, 4C, 4R). Therefore, a player can watch the separate indication of the secondary display (6) and the indication of the variable display (4L, 4C, 4R) at the same time without movement of his eyes.

FIG. 1





European Patent
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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	DE 44 40 524 A (NSM AG) 15 May 1996 (1996-05-15) * abstract * * figure 1 * * column 2, line 1-37 * * column 3, line 33-55 * * column 4, line 27-45 * ---	1-5	G07F17/32
X	US 5 630 753 A (FUCHS ANTON) 20 May 1997 (1997-05-20) * abstract * * column 1, line 7-28 * * column 3, line 4-9 * * column 10, line 40-48 * ---	1-4	
X	JP 09 248373 A (SANKYO KK) 22 September 1997 (1997-09-22) * figure 3 * * paragraph [0001] * * paragraph [0002] * * paragraph [0018] * * paragraph [0020] * * paragraph [0022] * * paragraph [0035] * * paragraph [0036] * -----	1-4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G07F
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 26 August 2003	Examiner BREIDENICH, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 30 0690

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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26-08-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4440524	A	15-05-1996	DE 4440524 A1	15-05-1996

US 5630753	A	20-05-1997	AT 141092 A	15-05-1997
			WO 9401840 A1	20-01-1994
			AT 133280 T	15-02-1996
			AU 685748 B2	29-01-1998
			AU 4412593 A	31-01-1994
			CZ 9500018 A3	17-05-1995
			DE 59301483 D1	29-02-1996
			EP 0648361 A1	19-04-1995
			NO 950064 A	28-02-1995
			PL 172564 B1	31-10-1997
			SK 1095 A3	11-07-1995
			US 6126541 A	03-10-2000

JP 09248373	A	22-09-1997	NONE	
